

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2021/0252215 A1 Kamen et al.

Aug. 19, 2021 (43) Pub. Date:

(54) DEVICES, METHODS AND SYSTEMS FOR WIRELESS CONTROL OF MEDICAL **DEVICES**

(71) Applicant: **DEKA Products Limited Partnership**, MANCHESTER, NH (US)

(72) Inventors: Dean Kamen, Bedford, NH (US); John M. Kerwin, Manchester, NH (US); Kevin A. Durand, Westboro, MA (US); Gregory R. Lanier, JR., Merrimack, NH (US); Larry B. Gray, Merrimack, NH (US); Gregg W. Rivinius, Bedford, NH (US); Gerald M. Guay, Greenville, NH (US); Bob David Peret, Bedford, NH (US); Colin H. Murphy, Cambridge, MA (US); David Blumberg, JR., Deerfield, NH (US)

(21) Appl. No.: 17/035,536

(22) Filed: Sep. 28, 2020

Related U.S. Application Data

(63) Continuation of application No. 15/606,940, filed on May 26, 2017, now Pat. No. 10,786,621, which is a continuation of application No. 13/332,896, filed on Dec. 21, 2011, now Pat. No. 9,662,438, which is a continuation-in-part of application No. 13/021,000, filed on Feb. 4, 2011, now Pat. No. 9,750,896.

(60)Provisional application No. 61/301,957, filed on Feb. 5, 2010.

Publication Classification

(51) Int. Cl. A61M 5/142 (2006.01)

U.S. Cl. CPC A61M 5/14244 (2013.01); A61M 5/16831 (2013.01)

(57)ABSTRACT

A medical device system is disclosed. The medical device system includes a first medical device and a second medical device. A remote interface including a touch screen is also included. The remote interface is in wireless communication with the first medical device and the second medical device. The remote interface is configured to provide a user interface to the first medical device and the second medical device. The remote interface is configured to receive user input through a touch screen. Also, a charging device is included. The charging device is configured to receive at least the first medical device and the remote interface and the charging device is configured to recharge a first medical device battery and the charging device is configured to recharge an interface battery in the remote interface. The charging device is connected to a personal computer wherein the personal computer provides information to the remote interface.

